

Appl. No. 10/634,939
 Amdt. dated July 24, 2006
 Reply to Office Action of March 22, 2006
 Attorney Docket 17398

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) Cooling equipment for ~~a motor vehicle, in particular~~ for an excavator, said ~~motor vehicle~~ having a longitudinal axis of symmetry identifying two directions of preferential movement; said equipment comprising at least one air intake, a duct for delivery of the air to a radiator for cooling of coolant liquids, and a fan operable to send a flow of incoming air from said at least one air intake to said radiator, through said delivery duct, for providing the desired cooling of the coolant liquid; and wherein that said at least one air intake is positioned in a way substantially perpendicular to a flow of air drawn in during the forward movement of said excavator, ~~and in wherein~~ that said radiator is positioned in a manner substantially tangential to said flow of air; and further wherein a further air intake is provided in said delivery duct downstream of said at least one air intake; said further air intake being shielded from the air coming from said at least one air intake by a deflector.

2. (currently amended) Cooling equipment as described claim 1, wherein said delivery duct extends substantially in the longitudinal direction of the ~~vehicle~~ excavator.

3. (currently amended) Cooling equipment as described in claim 2, wherein said at least one air intake is positioned at a front portion of the excavator ~~vehicle~~ bodywork whereas the radiator is located at a rear portion thereof.

4. (currently amended) Cooling equipment as described in claim 3, wherein an outer, lateral side of said delivery duct is formed by a side bonnet panel of the excavator ~~vehicle~~ bodywork.

5. (currently amended) ~~Cooling equipment as described in claim 4;~~ Cooling equipment for an excavator having a longitudinal axis of symmetry identifying two directions of preferential movement; said equipment comprising at least one air intake, a duct for delivery of the air to a radiator for cooling of coolant liquids, and a fan operable to send a flow of incoming air from said at least one air intake to said radiator, through said delivery duct, for providing the desired cooling of the coolant liquid; and wherein that said at least one air intake is positioned in a way substantially perpendicular to a flow of air drawn in during the forward movement

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of said excavator, and in that said radiator is positioned in a manner substantially tangential to said flow of air;

wherein said delivery duct extends substantially in the longitudinal direction of the excavator;

wherein said at least one air intake is positioned at a front portion of the excavator bodywork whereas the radiator is located at a rear portion thereof;

wherein an outer, lateral side of said delivery duct is formed by a side bonnet panel of the excavator bodywork; and

wherein at least part of said side bonnet panel is pivotable to an open position for exposing the radiator.

6. (original) Cooling equipment as described in claim 5, wherein said delivery duct comprises:

a first duct portion contiguous to said at least one air intake and having a longitudinal axis which is substantially parallel to said axis of symmetry; and

a second duct portion contiguous to said radiator and having a longitudinal axis which is substantially transverse to said axis of symmetry.

7. (currently amended) Cooling equipment described in claim 6, wherein at least one air intake is located on a forwardly extending box-shaped element, which forms an integral part of the bodywork of the excavator/motor vehicle.

8. (currently amended) Cooling equipment described in claim 7, wherein said box-shaped element serves as a battery housing for the excavator/motor vehicle.

9. (original) Cooling equipment described in claim 8, further comprising a fuel tank that is housed alongside said radiator, an outer wall of said fuel tank delimiting a part of said delivery duct.

10. (original) Cooling equipment described in claim 9, wherein a further air intake is provided in said delivery duct downstream of said at least one air intake; said further air intake being shielded from the air coming from said at least one air intake by a deflector.